

Ground Operations (FINAL)

FOR OFFICE USE ONLY:

Version # _____

APP # 700569

1. Project Description

A. Statement of GO Activity

This Ground Operations grant application requests OHV Cooperative Agreement funding assistance to enable the Tahoe National Forest (TNF) to meet our annual baseline OHV operation, maintenance and monitoring needs for 2011. The requested project funding, and its matching contributions, are necessary for the sustainability of the OHV recreation program on the TNF. Our application reflects pending changes due to Travel Management planning and recent state OHV policies. This grant application requests funding for all four Ranger Districts on the TNF. The Tahoe is one of the only National Forests in the area to provide both OHV and OSV managed programs on all Ranger Districts. This application requests monies for contracts, supplies, equipment, salaries and other miscellaneous costs for facilities, trails, and resource monitoring on a portion of the Forest's overall OHV and OSV system.

The Forest Service has developed strict standards to protect critical resources. Our resource specialists (wildlife biologists, soil scientists, botanists, hydrologists, fish biologists, archaeologists and ecologists) are involved in the OHV management program on the Forest. Grant monies will fund resource specialists to continue monitoring wildlife, soils, water, Threatened and Endangered species, and cultural sites. This monitoring will alert our personnel to any condition that may need resource protection and appropriate actions will be taken. Monitoring occurs during all seasons. This funding request will provide for equipment purchases (Jeep Rubicon, motorcycles, covered trailer) to facilitate our monitoring objectives. Such monitoring includes: Soil monitoring (tread and stream crossing conditions), archaeological monitoring for signs of OHV disturbance in and around known sites, effectiveness of bald eagle vehicle closures; the effectiveness of OHV barriers to yellow-legged frog habitat, the impact of OHV on willow flycatcher, goshawk and spotted owl nesting near motorcycle trails, the OHV impacts to the fairy shrimp, the OHV impacts to sensitive plants and fens, the monitoring of areas used for illegal turnarounds and camping. The funding will provide for wildlife biologists, botanists, archaeologists, soil scientist and other specialists to monitor OHV/OSV use areas and related areas of concern. The funding provides for erosion and/or sediment control work such as water bars, rolling dips, rocks, and maintenance on OHV trails, routes and areas; and installation, repair and maintenance of OHV protection structures and signs.

This funding request will also provide for the purchase of a Jeep (Rubicon edition) to be used in multiple aspects of TNF's OHV management program (i.e. trail maintenance, resource monitoring, and law enforcement). Several highly valued OHV trails do not receive the degree of maintenance, monitoring nor law enforcement presence needed because the TNF does not possess a vehicle capable of traversing these highly technical trails. The trails include the world class Fordyce Jeep Trail, portions of Gold Valley, and the Bear Valley OHV Loop. The Fordyce Jeep Trail is of particular concern due to the growing popularity of this trail for rock crawler enthusiasts and the minimal law enforcement presence along remote portions on the trail. Illegal fires and driving under the influence of alcohol are becoming common occurrences along this trail. According to users of the Fordyce Jeep Trail, an increase in law enforcement presence along the Rubicon Trail has created a shift of use from the Rubicon trail to the Fordyce Jeep Trail for those who are specifically trying to avoid law enforcement. The Jeep would also be made available to local Sheriff's departments (Nevada, Placer, and Sierra Counties) for special OHV project needs (i.e. Search and Rescue).

B. Relation of Proposed Project to OHV Recreation

OHV Recreation is recognized as a legitimate use of National Forest lands. The Tahoe National Forest Land and Resource Management Plan (LMP) allocated land for various types of recreational uses including OHV use. Most of the routes open to OHV use are in good condition. Trails closed to OHV use are signed and closed. Forest Orders are in place to enable Forest Officers to regulate use of trails.

Vehicle travel during the spring, summer and fall is limited to designated trails and roads (with a few exceptions) within the Tahoe NF; however there are a number of areas within the National Forest where no vehicle travel is permitted. These

areas include, but are not limited to the Granite Chief Wilderness, North Fork of the American River Canyon, Onion Creek Experimental Forest, Placer County Big Trees (the northern-most grove of Sierra Redwoods), and the Grouse Lakes Vehicle Control Area.

C. Describe the size of the specific Project Area(s) in acres and/or miles

This request provides funding for needed trail work on: the OSV system (except for actual grooming and other services provided through separate OHMVRD contract), at least 104 miles of OHV trails by hand and at least 88 miles by trail machines, and the Prosser Pits Open Area. More than 83% (690,000 acres) of total TNF acreage is within ½ mile from a public motorized use. The following types of ongoing management activities typically occur on or near the OHV/OSV trails and roads: Repairs, specifically for stream crossings, placement or repair of paver blocks and stream crossing structures, installation and repair of water bars and rolling dips, brushing and log removal, repair and replacement of OHV barriers, tractor work for safety or ease of passage; removing loose rocks, opening or reconstructing drainages; reshaping tread (especially rolling dips), removing ruts and berms by pulling soil back into the trail tread. Additional work may include: Constructing minor reroutes to avoid problem areas or protect sensitive areas, rehabilitate decommissioned trail sections; block off illegal or non-system trail access and purchase and/or replace signs. Maintenance activities are conducted when impacts to the soil and water quality are minimized. This grant also requests funding for trail equipment parts and repairs.

The TNF operates and maintains 14 staging areas and five OHV trailheads. This funding request will provide for public safety and long term viability at above locations through: Cleaning, maintenance, trash and litter pickup, and facility repairs (1-2 times/week). Some Staging Area facilities serve both OHV and OSV users and additional pumping is accomplished under separate (OSV) agreement with the State. Typically these staging areas have paved parking, toilets and bulletin boards. Some trailheads also have map dispensers, dumpster pads, trash disposal containers, and snow groomer sheds. Funding also provides for bulletin board, sign, and barrier repair; staging area water system testing and repair; and visitor education and information.

The TNF uses a wide range of volunteer groups to complete ground work and interface with OHV/OSV users to reduce the financial burden on appropriated dollars and OHV trust fund monies. Our trail volunteers come from both the motorized and non-motorized communities and perform a variety of tasks. This grant application includes over \$21,000 in volunteer contributed matching monies from numerous groups including Diablo 4-Wheelers, California Association of Four-Wheel Drive Clubs, Placer County Search and Rescue, High Sierra Motorcycle Club, Riders Under the Sun, Friends of the Rubicon, Tahoe Back Country Ski patrol, Nevada County Woods Riders, Four Dice 4WD Club, Friends of Fordyce, Grass Valley 4WD Club, Sierra Buttes Trail Stewardship, Sierra Buttes Snowbusters, and Sacramento Jeepers. Beside routine trail and facility maintenance they also assist with: Search and rescue (SAR), patrol OSV closure areas, plowing parking areas, and grooming trails. Our volunteers also assist in public contacts and user education.

D. Location and description of OHV opportunities

The Tahoe National Forest is located in the Sierra Nevada mountain range between Sacramento, CA and Reno, NV and is within a one-hour drive of two million people. We also receive many visitors from the San Francisco Bay Area. OHV opportunities exist on each of the Forest's 4 Ranger Districts: The American River Ranger District (office located at Foresthill), the Yuba River Ranger District (2 offices at Nevada City and Camptonville), the Truckee Ranger District (office located in Truckee) and the Sierraville Ranger District (office located in Sierraville). For the purposes of this grant, the latter two districts are combined and collectively referred to as the East Zone. This project is administrated out of the Forest Supervisor's Office located in Nevada City. The Tahoe NF is one of the only National Forests to provide both Off-Highway Vehicle (OHV) and Over Snow Vehicle (OSV) managed opportunities on all of four Ranger Districts.

The Tahoe NF operates and maintains 14 staging areas, approximately 134 miles of four wheel drive trails, approximately 169 miles of designated motorcycle trail, approximately 26 miles of designated ATV trails, approximately 1,451 miles of Level II roads, and the Prosser Pits open area, a 45 acre open OHV area where the main activity is motocross-style motorcycle riding. Trailhead staging areas exist at: China Wall, Parker Flat, Bear Valley, Bassetts, Old Gold Lake Highway, Sugar Pine, Meadow Lake, Prosser Hills, Indian Springs, Onion Valley, Chalk Bluff, Pierce, Yuba Pass and Little Truckee Summit.

The Tahoe NF provides opportunities for recreationists to engage in and enjoy OHV experiences of all ranges of skill levels in a manner that protects the natural beauty and resources of the Forest. With the continued assistance of OHV cooperative agreement funding and non-State contributions, the Tahoe NF will maintain (approximately) the following OHV opportunities with this funding project: 123 miles of motorcycle trails; 35 miles of ATV/MC trails; 34 miles of 4WD/ATV/MC trails; 45 acres of open OHV riding, and 43 miles of low standard gravel or dirt roads.

From winter staging areas, 240 miles of groomed snowmobile trails are provided (on top of existing roads) in addition to over 800 miles of ungroomed Forest roads open to OSV use. All snowmobile trails are open to non-motorized and motorized travel as well as over 430,000 acres within the snow zone for unrestricted snowmobile use. The Tahoe NF also maintains Sno-Parks at Yuba Pass, Donner Summit, and Boreal Ridge. Forest Service employees, contractors, and volunteer OSV club members are utilized to complete work. Winter use starts with the first dependable 12 inches of snow cover. This is seldom before Thanksgiving and frequently as late as January. The season can end as early as mid-March but usually extends into April or May. A typical good year would include 12 to 15 weeks starting around Christmas.

2. Rerouting Requirements

Rerouting

- (a) Does your project involve rerouting of any roads and trails? ☐ Yes ☒ No

If response to question (a) is 'Yes', a Project timeline, conceptual drawings and site plans are required (See 'Attachments' tab at the top of the screen)

If response to question (a) is 'No', skip details related to rerouting

Additional Documentation

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1. **Project Timeline (Required if project includes necessary rerouting)**
2. **Conceptual Drawings and Site Plans (Required if project includes necessary rerouting)**
3. **Project-Specific Maps**
Attachments: [Trail System-recent Travel Mgt. Document](#)
4. **Optional Project-Specific Application Documents**

Project Cost Estimate

FOR OFFICE USE ONLY:		Version # _____		APP # _____			
APPLICANT NAME :	USFS - Tahoe National Forest						
PROJECT TITLE :	Ground Operations (FINAL)			PROJECT NUMBER (Division use only) :	G09-02-20-G01		
PROJECT TYPE :	<input type="checkbox"/> Acquisition <input type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input checked="" type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input type="checkbox"/> Restoration						
PROJECT DESCRIPTION :	<p>This Ground Operations grant application requests OHV Cooperative Agreement funding assistance to enable the Tahoe National Forest (TNF) to meet our annual baseline OHV operation, maintenance and monitoring needs for 2011. The requested project funding, and its matching contributions, are necessary for the sustainability of the OHV recreation program on the TNF. Our application reflects pending changes due to Travel Management planning and recent state OHV policies. This grant application requests funding for all four Ranger Districts on the TNF. The Tahoe is one of the only National Forests in the area to provide both OHV and OSV managed programs on all Ranger Districts. This application requests monies for contracts, supplies, equipment, salaries and other miscellaneous costs for facilities, trails, and resource monitoring on a portion of the Forest's overall OHV and OSV system.</p> <p>The Forest Service has developed strict standards to protect critical resources. Our resource specialists (wildlife biologists, soil scientists, botanists, hydrologists, fish biologists, archaeologists and ecologists) are involved in the OHV management program on the Forest. Grant monies will fund resource specialists to continue monitoring wildlife, soils, water, Threatened and Endangered species, and cultural sites. This monitoring will alert our personnel to any condition that may need resource protection and appropriate actions will be taken. Monitoring occurs during all seasons. This funding request will provide for equipment purchases (Jeep Rubicon, motorcycles, covered trailer) to facilitate our monitoring objectives. Such monitoring includes: Soil monitoring (tread and stream crossing conditions), archaeological monitoring for signs of OHV disturbance in and around known sites, effectiveness of bald eagle vehicle closures; the effectiveness of OHV barriers to yellow-legged frog habitat, the impact of OHV on willow flycatcher, goshawk and spotted owl nesting near motorcycle trails, the OHV impacts to the fairy shrimp, the OHV impacts to sensitive plants and fens, the monitoring of areas used for illegal turnarounds and camping. The funding will provide for wildlife biologists, botanists, archaeologists, soil scientist and other specialists to monitor OHV/OSV use areas and related areas of concern. The funding provides for erosion and/or sediment control work such as water bars, rolling dips, rocks, and maintenance on OHV trails, routes and areas; and installation, repair and maintenance of OHV protection structures and signs.</p> <p>This funding request will also provide for the purchase of a Jeep (Rubicon edition) to be used in multiple aspects of TNF's OHV management program (i.e. trail maintenance, resource monitoring, and law enforcement). Several highly valued OHV trails do not receive the degree of maintenance, monitoring nor law enforcement presence needed because the TNF does not possess a vehicle capable of traversing these highly technical trails. The trails include the world class Fordyce Jeep Trail, portions of Gold Valley, and the Bear Valley OHV Loop. The Fordyce Jeep Trail is of particular concern due to the growing popularity of this trail for rock crawler enthusiasts and the minimal law enforcement presence along remote portions on the trail. Illegal fires and driving under the influence of alcohol are becoming common occurrences along this trail. According to users of the Fordyce Jeep Trail, an increase in law enforcement presence along the Rubicon Trail has created a shift of use from the Rubicon trail to the Fordyce Jeep Trail for those who are specifically trying to avoid law enforcement. The Jeep would also be made available to local Sheriff's departments (Nevada, Placer, and Sierra Counties) for special OHV project needs (i.e. Search and Rescue).</p>						
	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
DIRECT EXPENSES							

Project Cost Estimate for Grants and Cooperative Agreements Program - 2009/2010
Agency: USFS - Tahoe National Forest
Application: Ground Operations (FINAL)

3/1/2010

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
Program Expenses							
1	Staff						
	Other-EZ OHV Specialist/FPO (SJ)	116.000	245.000	DAY	28,420.00	0.00	28,420.00
	Other-EZ OHV Program Manager/FPO (JW)	125.000	288.000	DAY	36,000.00	0.00	36,000.00
	Other-EZ OHV Tech/FPO (x2)	210.000	153.000	DAY	32,130.00	0.00	32,130.00
	Other-EZ Recreation Officer (JG)	40.000	300.000	DAY	12,000.00	0.00	12,000.00
	Other-EZ Soil Scientist (RW)	5.000	397.000	DAY	1,985.00	0.00	1,985.00
	Other-EZ Wildlife Biologist (CW)	2.000	323.000	DAY	646.00	0.00	646.00
	Other-EZ Botanist (SU)	4.000	330.000	DAY	1,320.00	0.00	1,320.00
	Other-EZ Archeologist (CS, MB)	4.000	380.000	DAY	1,520.00	0.00	1,520.00
	Other-EZ Fisheries Biologist (DU)	2.000	364.000	DAY	728.00	0.00	728.00
	Other-YR District Trails Manager	65.000	400.000	DAY	20,000.00	6,000.00	26,000.00
	Other-YR Temps (Tr=90, Fac=50)	140.000	140.000	DAY	19,600.00	0.00	19,600.00
	Other-YR Asst Public Service Officer (MF)	15.000	280.840	DAY	2,808.80	1,404.20	4,213.00
	Other-YR Archaeologist (BS)	12.000	327.000	DAY	3,270.00	654.00	3,924.00
	Other-YR Wildlife Biologist (MT)	8.000	380.000	DAY	1,900.00	1,140.00	3,040.00
	Other-AR Trails Specailist (ML)	110.000	312.000	DAY	34,320.00	0.00	34,320.00
	Other-AR Recreation Specialist (Vice JG)	20.000	260.000	DAY	5,200.00	0.00	5,200.00
	Other-AR Recreation Technician (SH)	30.000	250.000	DAY	0.00	7,500.00	7,500.00
	Other-AR Recreation Staff Officer (MT)	25.000	332.000	DAY	0.00	8,300.00	8,300.00
	Other-AR Recreation Technician (KE)	160.000	211.000	DAY	33,760.00	0.00	33,760.00
	Other-AR Temps (x2)	170.000	140.000	DAY	23,800.00	0.00	23,800.00

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	Other-AR Volunteers	40.000	144.000	DAY	0.00	5,760.00	5,760.00
	Other-AR Specialist (SH)	10.000	252.000	DAY	0.00	2,520.00	2,520.00
	Other-AR Archeologist (NS)	5.000	313.000	DAY	1,565.00	0.00	1,565.00
	Other-AR Equipment Operator (PS)	25.000	380.000	DAY	9,500.00	0.00	9,500.00
	Other-AR Equipment Laborer (WH)	20.000	260.000	DAY	5,200.00	0.00	5,200.00
	Other-YR Trails Specialist	100.000	260.000	DAY	26,000.00	0.00	26,000.00
	Other-YR Botanist (KV)	7.000	425.000	DAY	2,125.00	850.00	2,975.00
	Other-YR Botany Crew (2)	16.000	400.000	DAY	6,400.00	0.00	6,400.00
	Other-YR Wildlife Crew BG	45.000	225.000	DAY	10,125.00	0.00	10,125.00
	Other-EZ Equipment Operator (PS)	12.000	380.000	DAY	4,560.00	0.00	4,560.00
	Other-EZ Equipment Laborer (WH)	6.000	261.000	DAY	1,566.00	0.00	1,566.00
	Other-EZ Wildlife Biologist (KB)	8.000	359.000	DAY	2,872.00	0.00	2,872.00
	Other-EZ Archeologist (MB)	1.000	310.000	DAY	310.00	0.00	310.00
	Other-AR Wildlife Biologist (MT)	5.000	370.000	DAY	1,850.00	0.00	1,850.00
	Other-EZ Hydrologist (SF)	2.000	298.000	DAY	596.00	0.00	596.00
	Other-EZ GIS Support (SH)	2.000	295.000	DAY	590.00	0.00	590.00
	Other-YR Wildlife Crew TB	15.000	265.000	DAY	3,975.00	0.00	3,975.00
	Other-TNF Soil Mon Oversight (KB)	3.000	320.000	DAY	960.00	0.00	960.00
	Total for Staff				337,601.80	34,128.20	371,730.00
2	Contracts						
	Other-EZ Toilet Vault Pumping	8.000	325.000	EA	2,600.00	0.00	2,600.00
	Other-EZ Toilet pumping (PG&E, Mdw Lake)	4.000	325.000	EA	0.00	1,300.00	1,300.00

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Other-YR Toilet Pumping	5.000	1200.000	EA	6,000.00	0.00	6,000.00
	Other-YR Dozer (rolling dip mtnc)	5.000	1500.000	MI	7,500.00	0.00	7,500.00
	Other-YR Barriers (rock)	300.000	15.000	FT	4,500.00	0.00	4,500.00
	Other-YR Backhoe, Transport w/operator	1.000	600.000	MISC	600.00	0.00	600.00
	Other-AR Toilet Pumping	3.000	1000.000	EA	3,000.00	0.00	3,000.00
	Other-AR Boulders Delivery	20.000	500.000	EA	10,000.00	0.00	10,000.00
	Other-TNF Soil/Water Monitoring	1.000	32000.000	EA	32,000.00	0.00	32,000.00
	Other-AR Garbage Service	1.000	5000.000	EA	5,000.00	0.00	5,000.00
	Other-AR Legacy Trail Funds Loop 2	1.000	20000.000	EA	0.00	20,000.00	20,000.00
	Other-AR Legacy Fund Decommissioning TR/	1.000	20000.000	EA	0.00	20,000.00	20,000.00
	Other-EZ Boulder Delivery	5.000	500.000	EA	2,500.00	0.00	2,500.00
	Other-TNF Level 2 Rd Mtnc	43.000	2000.000	MI	0.00	86,000.00	86,000.00
	Other-EZ Loader w/Operator & Laborer	3.000	1050.000	DAY	3,150.00	0.00	3,150.00
	Other-EZ_Equip Transport	4.000	1000.000	EA	4,000.00	0.00	4,000.00
	Other-EZ Dozer w/operator & Laborer	3.000	1050.000	DAY	3,150.00	0.00	3,150.00
	Total for Contracts				84,000.00	127,300.00	211,300.00
3	Materials / Supplies						
	Other-EZ Cleaning Supplies	1.000	500.000	MISC	500.00	0.00	500.00
	Other-EZ Winter Sign Material, hardware,	1.000	500.000	MISC	500.00	0.00	500.00
	Other-EZ Summer Sign Material, hardware,	1.000	1000.000	MISC	1,000.00	0.00	1,000.00
	Other-EZ Carsonite sign posts	25.000	25.000	EA	625.00	0.00	625.00
	Other-EZ Barriers (fence)	1.000	500.000	MISC	500.00	0.00	500.00

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Other-EZ Safety Equipment	1.000	500.000	MISC	500.00	0.00	500.00
	Other-EZ OHV Regulatory Signs	75.000	100.000	EA	7,500.00	0.00	7,500.00
	Other-YR Signs (Mixed Use)	75.000	100.000	EA	7,500.00	0.00	7,500.00
	Other-YR Signs (Other OHV)	20.000	50.000	EA	1,000.00	0.00	1,000.00
	Other-YR Toliet Paper, Cleaning Supplies	1.000	750.000	MISC	750.00	0.00	750.00
	Other-AR Facilities Support (paper, bags	20.000	40.000	PKG	800.00	0.00	800.00
	Other-AR Signs	80.000	50.000	EA	4,000.00	0.00	4,000.00
	Other-AR Hand Tools	20.000	40.000	EA	800.00	0.00	800.00
	Other-AR Recycle Trash Bins	3.000	600.000	EA	1,800.00	0.00	1,800.00
	Other-AR Barrier Boulders (Truck Loads)	20.000	500.000	EA	10,000.00	0.00	10,000.00
	Other-YR Volunteer Patrol Radios	2.000	1500.000	EA	3,000.00	0.00	3,000.00
	Other-YR Volunteer Uniforms	10.000	50.000	EA	500.00	0.00	500.00
	Other-TNF Recycled Straw Wattles	600.000	1.300	FT	780.00	0.00	780.00
	Other-EZ Barrier Boulders (Truck Loads)	5.000	500.000	EA	2,500.00	0.00	2,500.00
	Total for Materials / Supplies				44,555.00	0.00	44,555.00
4	Equipment Use Expenses						
	Other-EZ FS Backhoe , TK & Trailer	10.000	550.000	DAY	0.00	5,500.00	5,500.00
	Other-EZ Snow removal	100.000	65.000	HRS	0.00	6,500.00	6,500.00
	Other-EZ Snowmobile (x4) Maintenance	4.000	250.000	EA	1,000.00	0.00	1,000.00
	Other-EZ Motorcycle Maintenance	2.000	250.000	EA	500.00	0.00	500.00
	Other-YR Vehicle Mileage	10000.00 0	0.410	MI	4,100.00	0.00	4,100.00
	Other-YR Motorcycle maintenance	2.000	400.000	EA	800.00	0.00	800.00

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	Other-YR Snowmobile maintenance & repair	2.000	300.000	EA	600.00	0.00	600.00
	Other-YR Vehicle FOR	4.000	268.000	MOS	0.00	1,072.00	1,072.00
	Other-AR Vehicle FOR (4056)	5.000	280.000	MOS	0.00	1,400.00	1,400.00
	Other-AR Vehicle FOR (0866)	5.000	270.000	MOS	0.00	1,350.00	1,350.00
	Other-AR Vehicle FOR (2616)	5.000	250.000	MOS	0.00	1,250.00	1,250.00
	Other-AR Tractor Repair	1.000	2500.000	EA	2,500.00	0.00	2,500.00
	Other-AR ATV & MC & OSV repair	4.000	1000.000	EA	4,000.00	0.00	4,000.00
	Other-AR Backhoe & Trailer rental	7.000	1000.000	EA	7,000.00	0.00	7,000.00
	Other-AR SWECO & Trailer Use	30.000	500.000	DAY	0.00	15,000.00	15,000.00
	Other-AR Vehicle Mllege (4056)	4000.000	0.650	MI	2,600.00	0.00	2,600.00
	Other-AR Vehicle Mileage (0866)	4000.000	0.410	MI	1,640.00	0.00	1,640.00
	Other-AR Vehicle Mileage (2616)	4000.000	0.380	MI	1,520.00	0.00	1,520.00
	Other-TNF Jeep Repair	1.000	4000.000	YR	4,000.00	0.00	4,000.00
	Other-AR-FS Backhoe,TK & Trailer	10.000	550.000	DAY	0.00	5,500.00	5,500.00
	Total for Equipment Use Expenses				30,260.00	37,572.00	67,832.00
5	Equipment Purchases						
	Other-AR Motorcycles	2.000	8000.000	EA	16,000.00	0.00	16,000.00
	Other-TNF Jeep Rubicon (hardtop)	1.000	32000.000	EA	32,000.00	0.00	32,000.00
	Other-TNF Jeep winch, racks, lights, jac	1.000	3000.000	PKG	3,000.00	0.00	3,000.00
	Other-TNF Jeep accessories install vol	16.000	100.000	HRS	0.00	1,600.00	1,600.00
	Other-EZ OHV/OSV Covered Trailer	1.000	10000.000	EA	10,000.00	0.00	10,000.00
	Total for Equipment Purchases				61,000.00	1,600.00	62,600.00

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6	Others						
	Other-EZ Water Testing Fee (BV Campgroun	10.000	35.000	EA	350.00	0.00	350.00
	Other-YR Hand Tools, chainsaw supplies	10.000	50.000	EA	0.00	500.00	500.00
	Other-Nevada Co. Weed Specialist	3.000	350.000	DAY	0.00	1,050.00	1,050.00
	Other-Volunteer labor trail mtnc	1100.000	19.510	HRS	0.00	21,461.00	21,461.00
	Other-TNF GIS support-soils program	3.000	700.000	MISC	2,100.00	0.00	2,100.00
	Total for Others				2,450.00	23,011.00	25,461.00
7	Indirect Costs						
	Indirect Costs-Salaries	1.000	59628.000	EA	59,628.00	0.00	59,628.00
	Total Program Expenses				619,494.80	223,611.20	843,106.00
	TOTAL DIRECT EXPENSES				619,494.80	223,611.20	843,106.00
	TOTAL EXPENDITURES				619,494.80	223,611.20	843,106.00

Project Cost Summary for Grants and Cooperative Agreements Program - 2009/2010
 Agency: USFS - Tahoe National Forest
 Application: Ground Operations (FINAL)

3/1/2010

	Line Item	Grant Request	Match	Total	Narrative
DIRECT EXPENSES					
Program Expenses					
1	Staff	337,601.80	34,128.20	371,730.00	
2	Contracts	84,000.00	127,300.00	211,300.00	
3	Materials / Supplies	44,555.00	0.00	44,555.00	
4	Equipment Use Expenses	30,260.00	37,572.00	67,832.00	
5	Equipment Purchases	61,000.00	1,600.00	62,600.00	
6	Others	2,450.00	23,011.00	25,461.00	
7	Indirect Costs	59,628.00	0.00	59,628.00	
Total Program Expenses		619,494.80	223,611.20	843,106.00	
TOTAL DIRECT EXPENSES		619,494.80	223,611.20	843,106.00	
TOTAL EXPENDITURES		619,494.80	223,611.20	843,106.00	

Environmental Review Data Sheet (ERDS)

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ITEM 1 and ITEM 2

ITEM 1

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? ☒ Yes ☐ No
(Please select Yes or No)

ITEM 2

- b. Does the proposed Project include a request for funding for CEQA and/or NEPA document preparation prior to implementing the remaining Project Deliverables (i.e., is it a two-phased Project pursuant to Section 4970.06.1(b)) (Please select Yes or No) ☐ Yes ☒ No

ITEM 3 - Project under CEQA Guidelines Section 15378

- c. ITEM 3 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? ☒ Yes ☐ No
(Please select Yes or No)
- d. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. (Please select Yes or No) ☐ Yes ☒ No
- e. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 4 – 10

ITEM 4 - Impact of this Project on Wetlands

SUMMER

Floodplains. Some trails within the OHV system cross floodplains (or Riparian Conservation Areas) of a seasonal stream channel. The planned work is specifically programmed to reduce the impacts on RCA values and to reduce the risk of cumulative watershed effects.

See "Forest Best Management Practices for OHV O&M Activities", TNF. These BMP's will be used to guide the road grading and trail shaping efforts.

Stream Crossings. Some trails cross perennial, ephemeral, or intermittent watercourses. Various techniques are used where needed to protect the integrity of watercourse crossing, including bridges, culverts, concrete blocks, gabions, and rubber or metal matting.

The system is managed in coordination with fisheries biology, soil science, and hydrology specialists.

Wetlands. None of the planned activities will have an impact on Wetlands as defined by The Army Corps of Engineers. There are no OHV routes within or adjacent to Wetlands.

Municipal Watersheds. No activities on OHV trails covered under this grant application have an adverse effect on any municipal watershed.

WINTER

Floodplains. There are floodplains in the vicinity of the facilities provided under this agreement. Continuation of the above listed winter activities will not have any adverse effect on any floodplain or floodplain value. All grooming and plowing will stay on Forest System Roads or paved parking areas.

Wetlands. There are wetlands in the vicinity of the facilities provided under this agreement. Continuation of the above listed winter activities will not have any adverse effect on any wetlands or wetland values. All grooming and plowing will stay on Forest System Roads or paved parking areas.

ITEM 5 - Cumulative Impacts of this Project

No potential adverse cumulative impacts of successive activities have been identified. This project seeks to prevent new impacts by properly maintaining OHV/OSV trails and seeks to reduce existing cumulative effects that are associated with features on the landscape such as roads, trails, and land management activities on adjacent public and private lands. This project seeks to minimize the potential cumulative effects upon air and water quality by maintaining the trails and the seasonal stream crossings. The impacts of maintaining the existing trails and their supporting features, e.g., trailheads, parking areas, toilets are localized and insignificant. Potential problem areas are identified and proposals included herein are intended to reduce the potential for further adverse effects. Monitoring for soils, and selected wildlife/plant species help us identify the need for additional future mitigation measures.

Internal coordination within the agency determined priority areas for monitoring, considered whether this project would adversely affect any extraordinary circumstances, and considered the consequences of not maintaining OHV/OSV trails. The main conclusion of the analysis for this project indicates that users will continue using OHV/OSV trails on the TNF whether or not trails are maintained, but impacts on soils, wildlife, fisheries, sensitive plants, water quality and cultural resources would be greater if trails were not maintained.

ITEM 6 - Soil Impacts

SUMMER

With the exception of the Ellis Peak Trail on the Truckee RD, there are no steep slopes or highly erosive soils at or near points of ground disturbance for this project and, therefore, there is no potential for significant adverse effects. The work planned on the Ellis Peak Trail will reduce the effects caused by erosion. Without maintenance of the tread and drainage structures, soil erosion risks escalate.

WINTER

All grooming and plowing will stay on Forest System Roads or paved parking areas. All snowmobile activities will take place on snow-covered slopes. Monitoring has indicated that seldom is the soils or vegetation disturbed by snowmobile activities.

ITEM 7 - Damage to Scenic Resources

SUMMER Operations

The project activities are not within the viewshed of a State Scenic Highway with two exceptions. (1). A portion of the Halls Ranch Trail is within the viewshed of Highway 49, a State Scenic Highway. However, the vegetation effectively screens the trail from view from the highway. (2). Likewise, a portion of the Burlington Ridge Trail System is within the viewshed of Highway 20. However, except for the location where the Omega Trail crosses the highway, vegetation typically screens the trail from view from the highway.

WINTER Operations

Highway 49 is a State Scenic Highway in the Downieville-Yuba Pass area. However, the only OSV activity or items visible from the highway are the trail crossings (90 degree angle), associated signs, and parking lots immediately at Bassett's and Yuba Pass (Sno-Park). These do not have an adverse effect of the scenic highway experience.

ITEM 8 - Hazardous Materials

Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

ITEM 9 - Potential for Adverse Impacts to Historical or Cultural Resources

Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? (Please select Yes or No) ☐ Yes ☒ No

Discuss the potential for the proposed Project to have any substantial adverse impacts to historical or cultural resources.

Addc text

ITEM 10 - Indirect Significant Impacts

Monies requested for this Ground Operations grant application (and other grants including development, restoration, and planning) provide the Tahoe National Forest with our fundamentally best way to avoid indirect significant impacts – namely by attracting OHV riders and drivers to the TNF where we provide outstanding OHV opportunities and can manage that use on our designated road and trail system. As long as the TNF continues to provide those outstanding OHV opportunities, there will be little incentive for riders/drivers to drive off the designated route, or onto private land adjoining the TNF. Because TNF OHV opportunities are attractive to OHV users, over time, use may increase. Hence the TNF expects to continue to participate in the CA OHV grant program long into the future, and is likely to increase our requests for monies over time as visitation, and associated impacts, slowly increase over time.

CEQA/NEPA Attachment

Attachments:

[2010-2011 CA OHV Grant DM](#)

Evaluation Criteria

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1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the cost of the Project covered by the Applicant is 3

(Note: This field will auto-populate once the Cost Estimate and Evaluation Criteria are Validated.) (Please select one from list)

- ☐ 76% or more (10 points)
☐ 51% - 75% (5 points)
☒ 26% - 50% (3 points)
☐ 25% (Match minimum) (No points)

2. Failure to Complete - Q 2.

2. Failure to complete the Project would result in: 8

(Check all that apply) : Maximum of 8 points (Please select applicable values)

- ☒ Loss of OHV Opportunity (6 points)
☒ Negative impact to cultural sites (2 points)
☒ Damage to special-status species or other sensitive habitat (2 points)
☒ Potential trespass (2 points)
☒ Additional damage to Facilities (1 point)

Explain each statement that was checked

Failure to secure project funding would result in the closure of some trails and facilities due to resource damage or public safety concerns. Tread maintenance is needed to assure sustainability of the trail and to protect resources. Without OHV funds to pump vault toilets, they would be closed if additional agency funds were unavailable. Experience has shown the best way to avoid impacts to cultural sites, special-status species, sensitive habitats, facilities, and avoid trespass, is to provide quality OHV opportunities and properly maintain our roads, trails and facilities. Without these ground operation monies for patrols, on-going maintenance, and monitoring; existing agency funds and volunteer labor could not adequately keep all of the trails open, resource damage would occur, as would additional damage and vandalism of facilities.

3. Sustain OHV Opportunity - Q 3.

3. The Project would sustain OHV Opportunity by 13

(Check all that apply) (Please select applicable values)

- ☒ Maintaining trail or road tread (5 points)
☒ Installing or repairing erosion control features (3 points)
☒ Providing traffic control and/or educational signage (3 points)
☒ Maintaining multi use (ATV, Dirt Bikes, 4x4, etc) (1 point)
☒ Providing varied levels of riding difficulty (1 point)

Explain each statement that was checked

With grant funding, tractor and hand work will be accomplished to complete tread maintenance (including maintaining rolling dips, waterbars, culverts), and the repair and maintenance of barriers and other traffic control devices on the approximately 192 miles of designated OHV trails and 43 miles of dirt or gravel roads identified in this grant application cycle. The grant funding would also go to the installation and repair of erosion control features (including straw wattles) on roads and trails, at staging areas, and around developed facilities. Funding will provide for replacement and installation of designated route signs and barriers, and additional education/information signage. These monies will be utilized to provide a spectrum of OHV opportunities for a diverse group of OHV users including motorcycle and ATV riders, and 4X4 drivers. Across the TNF, the Tahoe provides varied levels of difficulty for OHV riders/drivers of all types.

4. Public Input - Q 4.

4. The Project was developed with public input employing the following 2

(Check all that apply) : Maximum of 2 points (Please select applicable values)

- ☒ Publicly noticed meeting(s) with the general public to discuss Project (1 point)
- ☒ Conference call(s) with interested parties (1 point)
- ☒ Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

Over the past year, as a result of public concern on the Tahoe National Forest, and because of on-going public involvement associated with the Forest's Travel Management process, the TNF has met often with interested publics. These contacts included open public meetings, conference calls, and one-on-one phone conversations. Although the Travel Management process does not currently directly involve existing system trails which is the focus of this grant, the public has expressed a broad range of concerns, suggestions, and ideas which are reflected in this grant application.

5. Utilization of Partnerships - Q 5.

5. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 4

(Check the one most appropriate) (Please select one from list)

- ☒ 4 or more (4 points)
- ☐ 2 to 3 (2 points)
- ☐ 1 (1 point)
- ☐ None (No points)

List partner organization(s):

Our partners and volunteers have been active for years in assisting us with our OHV efforts. Examples include, Diablo 4-Wheelers, California Association of Four-Wheel Drive Clubs, Placer County Search and Rescue, High Sierra Motorcycle Club, Riders Under the Sun, Friends of the Rubicon, Tahoe Back Country Ski patrol, Nevada County Woods Riders, Four Dice 4WD Club, Friends of Fordyce, Grass Valley 4WD Club, Sierra Buttes Trail Stewardship, Sierra Buttes Snowbusters, and Sacramento Jeepers.

6. Impact to Natural and Cultural Resources - Q 6.

6. The Project will avoid and/or minimize impact to natural and cultural resources by 7

(Check all that apply) : Maximum of 7 points (Please select applicable values)

- ☒ Maintaining physical barriers to control OHV use (1 point)
- ☒ Protecting water quality (1 point)
- ☒ Providing bridges instead of wet crossings where appropriate (1 point)
- ☒ Protecting special-status species (1 point)
- ☒ Re-routing trails to divert away from riparian/wetlands areas (1 point)
- ☒ Providing sanitary facilities (1 point)
- ☒ Protecting cultural site(s) (1 point)

- ☐ Site design precludes the need for the above measures (7 points)

Explain each statement that was checked

The primary way the TNF avoids impacts to natural and cultural resources, including water quality, riparian areas, cultural sites, and special-status species is to provide outstanding OHV opportunities that OHV enthusiasts value and support and properly maintain those opportunities. Education, law enforcement, and monitoring activities are critical parts of our overall OHV management. The TNF will utilize boulders, logs, and constructed features to maintain physical barriers to control OHV use. The TNF has recently constructed 2 new OHV bridges, this year we focus on the maintenance of our existing OHV bridges, and examine the need for additional bridges. Other mitigation or avoidance techniques include minor reroutes, site hardening, or importing soil and burying sensitive resources. Finally, grant monies will pay for bathroom maintenance.

7. Recycled Materials - Q 7.

7. The Project incorporates recycled materials by utilizing 5

(Check all that apply) (Please select applicable values)

- ☒ Barrier materials which include recycled content or materials obtained onsite (1 point)
- ☒ Signs, sign posts or education kiosks which use products with recycled content (1 point)
- ☒ Erosion control features which use materials with recycled content (1 point)
- ☒ Paper used for trail maps which includes recycled content (1 point)
- ☒ Other products with recycled content (Specify) (1 point) [Containers in Developed Sites]

8. Sustainable Technologies - Q 8.

8. The Project makes substantial use of sustainable technologies such as 0

- Alternative fuel vehicles and equipment
- Renewable energy sources (e.g., solar, wind)
- Low volatile organic compound emission materials (e.g., paint, sealants, carpet)
- Low flow plumbing fixtures
- Water efficient landscaping

(Check the one most appropriate) (Please select one from list)

- ☒ No (No points) ☐ Yes (4 points)

Explain 'Yes' response

9. Motorized Access - Q 9.

9. The Project improves and/or maintains facilities that provide motorized access to the following non-motorized recreation opportunities 6

(Check all that apply) Scoring: 2 points each, up to a maximum of 6 points (Please select applicable values)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Camping | <input checked="" type="checkbox"/> Birding |
| <input checked="" type="checkbox"/> Hiking | <input type="checkbox"/> Equestrian trails |
| <input checked="" type="checkbox"/> Fishing | <input type="checkbox"/> Rock Climbing |
| <input checked="" type="checkbox"/> Other (Specify) [Historical Sites] | |